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**PALM INTRANET**

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1	US 7071638 B2	20060704	Actuator control apparatus	318/135		Yasui; Yuji et al.
1	US 7059115 B2	20060613	Air/fuel ratio control apparatus and method for internal combustion engine and engine control unit	60/285	60/274; 60/276; 701/103; 701/109	Yasui; Yuji
1	US 7058501 B2	20060606	Control apparatus for controlling a plant by using a delta-sigma modulation	701/102	700/29; 701/109	Yasui; Yuji et al.
1	US 7050865 B2	20060523	Control system for plant	700/37	700/1; 700/28; 700/29; 700/30; 700/31; 700/32; 700/33; 700/34; 700/52; 701/103; 701/85	Yasui; Yuji et al.
1	US 7050864 B2	20060523	Control system for a plant using identified model parameters	700/31	123/376; 123/398; 700/34; 700/37; 700/52; 701/103; 701/85	Yasui; Yuji et al.
1	US 7047728 B2	20060523	Apparatus for and method of controlling air-fuel ratio of internal combustion engine, and recording medium storing	60/285	60/274; 60/276; 60/277; 60/284; 60/286; 701/103; 701/109; 73/118.1; 73/23.32	Yasui; Yuji

			program for controlling air-fuel ratio of internal combustion engine			
1	US 7024302 B2	20060404	Air-fuel ratio control system and method for an internal combustion engine, and engine control unit	701/109		Mizuno; Takahide et al.
1	US 7000601 B2	20060221	Supercharger with a planetary gear mechanism	123/561	123/559.3; 475/287; 477/3	Yasui; Yuji et al.
1	US 6992453 B2	20060131	Actuator control system	318/560	318/53; 318/632; 318/638; 700/54; 700/66	Yasui; Yuji et al.
1	US 6990403 B2	20060124	Control system for plant	701/110	701/102; 701/111; 701/115	Yasui; Yuji et al.
1	US 6990402 B2	20060124	Control system and method, and control unit	701/108	123/674; 701/101; 701/103; 701/104; 73/113; 73/117.2; 73/117.3; 73/118.1	Yasui; Yuji et al.
1	US 6985809 B2	20060110	Control apparatus, control method, and engine control unit	701/109	123/672; 123/679; 60/276; 60/285; 700/28; 700/29; 700/40; 700/44; 701/103	Yasui; Yuji
1	US 6978203	20051220	Controller for controlling	701/101	701/103	Yasui; Yuji et al.

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1	US 6950741 B2	20050927	Plant controller for frequency- shaping response- designating control having a filtering function	701/110	123/339.2; 123/352; 60/284; 60/285; 700/55; 701/111; 701/113	Ishikawa; Yosuke et al.
1	US 6941936 B2	20050913	Control system for internal combustion engine	123/674	123/690; 701/109	Yasui; Yuji et al.
1	US 6935155 B2	20050830	Apparatus for detecting failure of exhaust gas sensor utilizing element temperature	73/1.06	123/690	Yasui; Yuji et al.
1	US 6925372 B2	20050802	Control apparatus, control method, and engine control unit	701/109	123/692; 123/697; 341/143; 60/276; 60/277; 701/103; 701/115	Yasui; Yuji
1	US 6922626 B2	20050726	Control apparatus for exhaust gas recirculation valve	701/108	123/568.21	Ishiguro; Tetsuya et al.
1	US 6920751 B2	20050726	Apparatus and method for detecting failure of exhaust gas sensor	60/277	60/274; 60/276; 73/23.31	Yasui; Yuji et al.
1	US	20050719	Device,	701/109	60/276;	Yasui;

	6920388 B2		method, and program recording medium for control of air- fuel ratio of internal combustion engine		73/118.1	Yuji
1	US 6904355 B2	20050607	Vehicle controller for controlling an air-fuel ratio	701/108	123/90.11; 123/90.15; 60/275; 60/277; 60/285; 701/102; 701/103; 701/115; 73/117.3; 73/118.1	Yasui; Yuji et al.
1	US 6876933 B2	20050405	Method and an apparatus for estimating an amount of drawn air of a cylinder of an internal- combustion engine and a method and an apparatus for controlling the amount	702/45	123/568.16; 701/102; 702/47	Yasui; Yuji et al.
1	US 6868326 B2	20050315	Control apparatus, control method, control unit, and engine control unit	701/101	123/672; 123/679; 60/276; 60/277; 60/285; 700/28; 700/29; 700/40; 700/44; 701/103; 701/109; 701/114; 701/115	Yasui; Yuji

1	US 6859717 B2	20050222	Control system for plant	701/99	123/361; 123/399; 700/28; 701/101	Yasui; Yuji et al.
1	US 6856891 B2	20050215	Control apparatus, control method and engine control unit	701/109	123/479; 123/688; 701/101; 701/102; 701/106; 701/114; 73/118.1	Yasui; Yuji
1	US 6840214 B2	20050111	Air-fuel ratio control apparatus for internal combustion engine	123/344	123/673	Yasui; Yuji
1	US 6839598 B2	20050104	Control system for plant using an identified model parameter vector	700/31	700/1; 700/28; 700/29; 700/30	Yasui; Yuji et al.
1	US 6834645 B2	20041228	Fuel supply control system for internal combustion engine	123/674	123/479; 701/109	Takizawa; Osamu et al.
1	US 6830032 B2	20041214	Control system for throttle valve actuating device	123/361	123/349; 123/352; 123/360	Yasui; Yuji et al.
1	US 6823839 B2	20041130	Apparatus for and method of controlling temperature of exhaust gas sensor, and recording medium storing program for controlling	123/339.12	123/339.14; 123/676	Yasui; Yuji et al.

			temperature of exhaust gas sensor			
1	US 6820603 B2	20041123	Control system and control method for internal combustion engine, and engine control unit	123/672	123/399; 123/681; 123/699	Yasui; Yuji et al.
1	US 6816776 B2	20041109	Control system for plant	701/110	123/399	Yasui; Yuji et al.
1	US 6816774 B2	20041109	O2 sensor, apparatus for and method of controlling air-fuel ratio, and recording medium storing air-fuel ratio control program	701/108	123/697; 60/276; 60/285; 701/109; 701/115	Yasui; Yuji et al.
1	US 6814067 B2	20041109	Control system for plant and air-fuel ratio control system for internal combustion engine	123/679	123/681; 701/109	Yasui; Yuji et al.
1	US 6792928 B2	20040921	Degradation determining system and method for exhaust gas sensor, and engine control unit	123/688	123/479; 701/109; 73/118.1	Yasui; Yuji et al.
1	US 6789534 B2	20040914	Air-fuel ratio control system and	123/673	123/494; 701/103; 701/115	Yasui; Yuji et al.

			method and engine control unit for internal combustion engine			
1	US 6775608 B2	20040810	Air-fuel ratio control using virtual exhaust gas sensor	701/109	60/276	Yasui; Yuji
1	US 6760658 B2	20040706	Exhaust emission control system for internal combustion engine	701/106	123/90.11; 60/276; 60/278	Yasui; Yuji et al.
1	US 6718922 B2	20040413	Cam phase control apparatus and method, and engine control unit for internal combustion engine	123/90.17	123/90.11; 123/90.15; 701/102	Yasui; Yuji
1	US 6684150 B2	20040127	Apparatus for and method of controlling plant	701/106	60/276; 60/285; 700/29; 701/109	Yasui; Yuji et al.
1	US 6681567 B2	20040127	Control system for internal combustion engine	60/297	60/274; 60/278; 60/284; 60/285	Yasui; Yuji et al.
1	US 6668214 B2	20031223	Control system for throttle valve actuating device	700/282	123/674; 60/276; 700/31; 700/44	Yasui; Yuji et al.
1	US 6668200 B2	20031223	Control system for plant	700/28	123/399; 60/276	Yasui; Yuji et al.
1	US 6640540	20031104	Adsorbent state	60/297	60/277; 60/295	Sato; Masahiro

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1	US 6636783 B2	20031021	Control system for throttle valve actuating device	700/282	123/399; 60/276	Yasui; Yuji et al.
1	US 6602471 B1	20030805	Adsorption amount sensor and coking sensor for internal combustion engine	422/88	422/68.1; 422/83; 436/139; 73/23.31	Sato; Masahiro et al.
1	US 6477458 B1	20021105	Air-fuel ratio control apparatus for internal combustion engine	701/109	123/692; 60/276; 60/285	Yasui; Yuji et al.
1	US 6449944 B1	20020917	Method of judging deterioration of emission gas control catalyst device	60/277	60/274; 60/276; 60/285	Yasui; Yuji et al.
1	US 6427438 B1	20020806	Method of evaluating deteriorated state of catalytic converter for purifying exhaust gas	60/277	60/274; 60/276; 60/285	Yasui; Yuji et al.
1	US 6401451 B1	20020611	Degradation discrimination system of internal combustion engine exhaust gas purification system	60/277	60/274; 60/287; 60/297; 60/324	Yasui; Yuji et al.
1	US 6389804	20020521	Degradation discrimination	60/277	60/274; 60/287;	Yasui; Yuji et al.

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1	US 6378296 B1	20020430	Degradation discrimination system of internal combustion engine exhaust gas purification system	60/277	60/274; 60/278; 60/295; 60/297	Yasui; Yuji et al.
1	US 6370473 B1	20020409	Air-fuel ratio control apparatus for multicylinder internal combustion engine	701/109	123/692; 60/276; 60/285	Yasui; Yuji et al.
1	US 6367245 B1	20020409	Method of evaluating deteriorated state of exhaust gas adsorbent	60/277	60/276; 60/278; 60/292; 60/297	Yasui; Yuji et al.
1	US 6354076 B1	20020312	Exhaust gas purification system of internal combustion engine	60/274	60/277; 60/297	Yasui; Yuji et al.
1	US 6334304 B1	20020101	Degradation discrimination system of internal combustion engine exhaust gas purification system	60/274	60/277; 60/287; 60/297; 60/324	Machida; Kei et al.
1	US 6327850	20011211	Air-fuel ratio control	60/285	123/692; 60/274	Yasui; Yuji et al.

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1	US 6286306 B1	20010911	Exhaust gas purification system of internal combustion engine	60/288	60/286; 60/289	Takakura; Shiro et al.
1	US 6276131 B1	20010821	Apparatus for controlling internal combustion engine	60/285	123/339.11; 60/274; 60/277	Ueno; Masaki et al.
1	US 6266605 B1	20010724	Plant control system	701/109	60/276; 700/30; 700/52	Yasui; Yuji et al.
1	US 6256983 B1	20010710	Plant control system	60/285	123/674; 123/679; 60/276; 701/103; 701/109	Yasui; Yuji
1	US 6230486 B1	20010515	Plant control system	60/285	123/674; 60/274	Yasui; Yuji et al.
1	US 6209517 B1	20010403	Apparatus for controlling rotational speed of internal combustion engine	123/339.11	123/329; 123/406.59	Yasui; Yuji
1	US 6195988 B1	20010306	Air-fuel ratio control system for internal combustion engine	60/285	123/674; 60/276; 60/277; 701/103; 701/109; 701/29	Yasui; Yuji et al.

1	US 6192311 B1	20010220	Apparatus for controlling internal combustion engine	701/113	123/350; 701/102	Yasui; Yuji et al.
1	US 6189317 B1	20010220	Apparatus for controlling internal combustion engine	60/284	123/670; 60/276; 60/285; 701/103; 701/109; 903/903; 903/917; 903/920; 903/941	Yasui; Yuji et al.
1	US 6188953 B1	20010213	Plant control system	701/109	123/674; 60/276; 60/285; 701/103	Yasui; Yuji et al.
1	US 6182445 B1	20010206	Exhaust switch-over valve malfunction detection system of internal combustion engine	60/277	137/551; 60/274; 60/324	Yamazaki; Hideharu et al.
1	US 6125831 A	20001003	Control system for plants	123/674	123/690	Yasui; Yuji et al.
1	US 6116213 A	20000912	Control system for controlling internal combustion engine	123/339.11	60/284	Yasui; Yuji et al.
1	US 6112517 A	20000905	Plant control system	60/274	123/674; 123/679; 60/276; 60/285; 701/103; 701/109	Yasui; Yuji et al.
1	US 6082099 A	20000704	Plant control system	60/276	123/674; 123/679; 60/285; 700/28;	Yasui; Yuji et al.

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1	US 6079205 A	20000627	Plant control system	60/276	123/674; 123/679; 60/285; 700/28; 700/54; 701/103	Yasui; Yuji et al.
1	US 6026793 A	20000222	Control system for plants	123/674	123/675	Yasui; Yuji et al.
1	US 6021767 A	20000208	Air-fuel ratio control system for multi-cylinder internal combustion engines	123/674	60/276; 60/285	Yasui; Yuji et al.
1	US 5983875 A	19991116	Control system for plants	123/674	123/688	Kitagawa; Hiroshi et al.
1	US 5980138 A	19991109	Label printer having mode sensor	400/582	400/583; 400/594.1; 400/708	Shiozaki; Tsugio et al.
1	US 5946906 A	19990907	Exhaust gas purification system of internal combustion engine	60/278	60/276; 60/284; 60/285; 60/288; 60/297	Akazaki; Shusuke et al.
1	US 5937638 A	19990817	Method of judging deterioration of catalytic converter for purifying exhaust gas	60/274	60/276; 60/277; 60/285	Akazaki; Shusuke et al.
1	US 5924281 A	19990720	Air-fuel ratio control system for internal combustion engines	60/276	123/674; 123/679; 60/285	Yasui; Yuji et al.
1	US 5880952 A	19990309	Sliding mode control method	700/28	701/103	Yasui; Yuji et al.

1	US 5852930 A	19981229	Air-fuel ratio control system for internal combustion engines	60/276	123/674; 60/285	Yasui; Yuji et al.
1	US 5850815 A	19981222	Control system and control process in internal combustion engine	123/406.47		Yano; Toru et al.
1	US 5845491 A	19981208	Air-fuel ratio control system for internal combustion engines	60/276	123/674; 701/109	Yasui; Yuji et al.
1	US 5845490 A	19981208	Air-fuel ratio control system for internal combustion engines	60/276	123/674; 701/109	Yasui; Yuji et al.
1	US 5797261 A	19980825	Air-fuel ratio control system for internal combustion engines	60/276	123/674	Akazaki; Shusuke et al.